

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/032934

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L27/34 A61L27/44 A61F2/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE, INSPEC, COMPENDEX, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KLEE, DORIS ET AL: "Polymers for biomedical applications: improvement of the interface compatibility" ADVANCES IN POLYMER SCIENCE, 149(BIOMEDICAL APPLICATIONS/POLYMER BLENDS), 1-57 CODEN: APSIDK; ISSN: 0065-3195, 1999, XP009044240 page 36 - page 38 page 43 - page 53	1-4,7,8, 11-17
X	GB 2 250 442 A (* ALLERGAN INC) 10 June 1992 (1992-06-10) page 1 page 4 - page 7; claims 1-10	11,12, 14,17
Y		1-4,7,8, 13,15,16
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☒ Further documents are listed in the continuation of box C:

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 February 2005

Date of mailing of the international search report

18. 05. 2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/007217 A1 (JACOB JEAN T ET AL) 17 January 2002 (2002-01-17) page 5 - page 7; example 3	11,12, 14,17
Y		1-4,7,8, 13,15,16
X	DE 37 19 177 A1 (SIEGEL,ROLF,DR) 29 December 1988 (1988-12-29) column 1 - column 2; claim 1	11,12, 14,17
Y		1-4,7,8, 13,15,16
Y	INSLER M S ET AL: "Heterologous transplantation versus enhancement of human corneal endothelium." CORNEA. MAR 1991, vol. 10, no. 2, March 1991 (1991-03), pages 136-148, XP009044204 ISSN: 0277-3740 cited in the application page 138 page 143 - page 147	1-4,7,8, 11-17
Y	ENGELMANN K ET AL: "[Endothelial cell transplantation and growth behavior of the human corneal endothelium] ENDOTHELZELLTRANSPLANTATION UND WACHSTUMSVERHALTEN DES HUMANEN KORNEALEN ENDOTHELIS" OPHTHALMOLOGE, SPRINGER, BERLIN,, DE, vol. 96, no. 9, September 1999 (1999-09), pages 555-562, XP002312235 ISSN: 0941-293X page 556 - page 560	1-4,7,8, 11-17
X	SCHNEIDER A ET AL: "AN IMPROVED METHOD FOR ENDOTHELIAL CELL SEEDING ON POLYTETRAFLUOROETHYLENE SMALL CALIBER VASCULAR GRAFTS" JOURNAL OF VASCULAR SURGERY, C.V. MOSBY CO., ST. LOUIS, MO, US, vol. 15, no. 4, April 1992 (1992-04), pages 649-656, XP000884442 ISSN: 0741-5214 page 649 - page 653	5
X	US 5 766 584 A (EDELMAN ET AL) 16 June 1998 (1998-06-16) column 1 - column 9	1,9,10

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Information on patent family members

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